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## 1 Designing the PDA of the future

Aaron Marcus, Eugene Chen

January 2002

interactions . Volume 9 Issue 1

Publisher: ACM  Request Permissions

Full text available: [Html](#) (39.80 KB), [Pdf](#) (694.37 KB)

**Bibliometrics:** Downloads (6 Weeks): 12. Downloads (12 Months): 179. Downloads (Overall): 2945. Citation Count: 10

In this article, Aaron Marcus and Associates (AM+A) describes a project with Samsung Electronics to design user-interface concepts for the future of wireless devices. AM+A conducted extensive research, including contextual observation, then designed ...

<sup>2</sup> Customer Relationship Management for the Web-Access Challenged: Inaccessibility of Fortune 250 Business Web Sites

Nicholas C. Romano, Jr.

December 2002 International Journal of Electronic Commerce, Volume 7 Issue 2

**Publisher:** M. E. Sharpe, Inc.

**Bibliometrics:** Downloads (6 Weeks): n/a. Downloads (12 Months): n/a. Downloads (Overall): n/a. Citation Count: 3

Companies increasingly employ the World Wide Web to gather information from and disseminate information to actual and potential customers and for end-consumer business transactions and interactions. The challenge of attracting and keeping economically ...

**Keywords:** Americans With Disabilities Act Ada, And Phrases Access Challenges, Center For Assistive Technologies Cast, Customer Relationship Management Crm. Fortune 250. Web Site Accessibility

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3 [A visually grounded natural language interface for reference to spatial scenes](#)



Peter Gorniak, Deb Roy

November 2003 I CMI '03: Proceedings of the 5th international conference on Multimodal interfaces

Publisher: ACM

Full text available: (585.99 KB)

**Bibliometrics:** Downloads (6 Weeks): 0, Downloads (12 Months): 13, Downloads (Overall): 292, Citation Count: 1

Many user interfaces, from graphic design programs to navigation aids in cars, share a virtual space with the user. Such applications are often ideal candidates for speech interfaces that allow the user to refer to objects in the shared space. We present ...

**Keywords:** cognitive modelling, computational semantics, natural language understanding, vision based semantics

4 [Development of a Wearable Computer Orientation System](#)

David A. Ross, Bruce B. Blasch

January 2002

Personal and Ubiquitous Computing , Volume 6 Issue 1

Publisher: Springer-Verlag

Full text available: (228.13 KB)

**Bibliometrics:** Downloads (6 Weeks): 7, Downloads (12 Months): 52, Downloads (Overall): 1049, Citation Count: 10

People with severe visual impairment need a means of remaining oriented to their environment as they move through it. A series of indoor and outdoor trials using a variety of technologies and interfaces led to the development and evaluation of three ...

5 [A framework for coordinated multi-modal browsing with multiple clients](#)



Alistair Coles, Eric Delliot, Tom Melamed, Kevin Lansard

May 2003

WWW '03: Proceedings of the 12th international conference on World Wide Web

Publisher: ACM

Full text available: (111.38 KB)

**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 22, Downloads (Overall): 632, Citation Count: 8

As users acquire or gain access to an increasingly diverse range of web access clients, web applications are adapting their user interfaces to support multiple modalities on multiple client types. User experiences can be enhanced by clients with differing ...

**Keywords:** multi-modal browsing, web proxy





**Keywords:** ADA, accessibility, disabilities, web design, web development

November 2000      **Assets '00:** Proceedings of the fourth international ACM conference on Assistive technologies

Full text available:  Pdf (245.98 KB)

**Bibliometrics:** Downloads (6 Weeks): 4. Downloads (12 Months): 35. Downloads (Overall): 409. Citation Count: 7

**Keywords:** Java, learning to program, programming tool, students with visual disabilities

September 2004      **Personal and Ubiquitous Computing** , Volume 8 Issue 5

Full text available:  Pdf (573.71 KB)

**Bibliometrics:** Downloads (6 Weeks): 6, Downloads (12 Months): 55, Downloads (Overall): 654, Citation Count: 10

In many environments, the landscape of space and artefacts is evolving and changing with the tasks at hand. Integrating digital media and computation in these environments has to take into account the fact that people will configure space functions and ...

**Keywords:** Boundary objects, Configurability, Mixed media environments, Mixed objects, Physical interfaces

March 2001 **Natural Language Engineering**, Volume 7 Issue 1


**Bibliometrics:** Downloads (6 Weeks): n/a. Downloads (12 Months): n/a. Downloads (Overall): n/a. Citation Count: 8

We present a data-to-speech system called D2S, which can be used for the creation of data-to-speech systems in different languages and domains. The most important characteristic of a data-to-speech system is that it combines language and speech generation: ...

- 18 [Airborne Use of Traffic Intent Information in a Distributed Air-Ground Traffic Management Concept: Experiment Design and Preliminary Results](#)  
[Wing David J. Adams](#), [Richard J. Duley](#), [Jacqueline A. Legan](#), [Brian M. Barmore](#), [Bryan E. Moses](#), [Donald](#)

November 2001 Airborne Use of Traffic Intent Information in a Distributed Air-Ground Traffic Management Concept: Experiment Design and Preliminary Results

**Publisher:** NASA Langley Technical Report Server

Full text available:  (237.11 KB)


**Bibliometrics:** Downloads (6 Weeks): 3, Downloads (12 Months): 3, Downloads (Overall): 37, Citation Count: 0

A predominant research focus in the free flight community has been on the type of information required on the flight deck to enable pilots to "autonomously" maintain separation from other aircraft. At issue are the relative utility and requirement for ...

- 19 [A Descriptive Framework of Workspace Awareness for Real-Time Groupware](#)  
[Carl Gutwin](#), [Saul Greenberg](#)

November 2002 Computer Supported Cooperative Work , Volume 11 Issue 3


**Publisher:** Kluwer Academic Publishers

Full text available:  [Publisher Site](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 102


Supporting awareness of others is an idea that holds promise for improving the usability of real-time distributed groupware. However, there is little principled information available about awareness that can be used by groupware designers. In this article, ...

**Keywords:** awareness, groupware design, groupware usability, real-time distributed groupware, shared workspaces, situation awareness, workspace awareness

- 20 [The lock of the link - concepts for the user interface of extended hyperlinks](#)  
 [Harald Weinreich](#), [Hartmut Ossendorf](#), [Winfried Lamersdorf](#)

September 2001 HYPERTEXT '01: Proceedings of the 12th ACM conference on Hypertext and Hypermedia

**Publisher:** ACM 

Full text available:  (307.01 KB)

**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 49, Downloads (Overall): 768, Citation Count: 9

The design of hypertext systems has been subject to intense research. Apparently, one topic was mostly neglected: how to visualize and interact with link markers. This paper presents an overview of pragmatic historical approaches, and discusses problems ...

**Keywords:** Web, XLink, distributed hypertext, link marker, user interface

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